

AMENDMENTS TO THE CLAIMS

Claims 1-11 and 13-33 were pending at the time of the Action.

Claims 25-33 are canceled in this Response without prejudice or disclaimer of the subject matter therein.

Claim 6 is amended in this Response.

Accordingly, claims 1-11 and 13-24 remain pending.

1. (Previously amended) A method comprising:

receiving a request from a client device, the request comprising a hierarchical identifier;

comparing the hierarchical identifier with at least a portion of a configuration file to identify an appropriate user-mode process for handling the request; and

providing the request to the identified appropriate user-mode process.

2. (Previously amended) The method as recited in Claim 1, further comprising:

generating the configuration file via a user-mode administrative process.

1 3. (Previously amended) The method as recited in Claim 2, wherein
2 generating the configuration file comprises:

3 defining one or more logical associations between at least one candidate
4 hierarchical identifier and at least one candidate user-mode process; and
5 maintaining the one or more logical associations in a configuration store.
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7 4. (Previously amended) The method as recited in Claim 3, further
8 comprising:

9 maintaining one or more logical rules suitable for use in identifying the
10 appropriate user-mode process for handling the request.
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13 5. (Previously amended) The method as recited in Claim 1, wherein
14 providing the request to the identified appropriate user-mode process further
15 comprises:

16 providing the request via a non-shared interface associated with the
17 identified appropriate user-mode process.
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1 6. (Currently amended) The method as recited in Claim 1, ~~wherein~~
2 ~~causing the kernel-mode process to provide the client device request to the~~
3 ~~identified most applicable user-mode process further includes:~~ further comprising
4 selectively queuing the ~~client device generated request~~ prior to providing the ~~client~~
5 ~~device generated request~~ to the identified most applicable user-mode process.
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7 7. (Previously amended) The method as recited in Claim 1, wherein
8 the request comprises a uniform resource locator (URL).
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10 8. (Previously amended) The method as recited in Claim 1, wherein
11 the appropriate user-mode process includes a user-mode web server process.
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13 9. (Previously amended) The method as recited in Claim 1, wherein
14 the appropriate user-mode process comprises at least one user-mode worker
15 process.
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17 10. (Previously amended) The method as recited in Claim 1, further
18 comprising:
19 receiving the client request using a kernel-mode communication protocol
20 process; and
21 providing the request to a kernel-mode process.
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11. (Previously amended) The method as recited in Claim 10, wherein the kernel-mode communication protocol process comprises a kernel-mode TCP/IP process.

12. (Canceled)

13. (Previously amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

causing a kernel-mode process in a server device to compare a hierarchical identifier associated with a client device generated request with at least a portion of a configuration file to identify a most applicable user-mode process for handling the client device generated request within the server device; and

causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process.

14. (Original) The computer-readable medium as recited in Claim 13, having further computer-executable instructions for performing steps comprising:

causing a user-mode administrative process to generate the configuration file.

15. (Original) The computer-readable medium as recited in Claim 14, wherein causing the user-mode administrative process to generate the configuration file, further includes:

providing a configuration store suitable for access by the user-mode administrative process, wherein the configuration store defines one or more logical associations between at least one candidate hierarchical identifier and at least one candidate user-mode process.

16. (Previously amended) The computer-readable medium as recited in Claim 15, wherein the configuration store further includes one or more logical rules suitable for use by the kernel-mode process in identifying the most applicable user-mode process for handling the client device generated request within the server device.

17. (Previously amended) The computer-readable medium as recited in Claim 13, wherein causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process further includes:

1 providing a non-shared interface between the kernel-mode process and the
2 identified most applicable user-mode process, such that the client device generated
3 request can be provided to the identified most applicable user-mode process via
4 the non-shared interface.
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6 18. (Previously amended) The computer-readable medium as recited in
7 Claim 13, wherein causing the kernel-mode process to provide the client device
8 generated request to the identified most applicable user-mode process further
9 includes:
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11 selectively queuing the client device generated request prior to providing
12 the request to the identified most applicable user-mode process.
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14 19. (Original) The computer-readable medium as recited in Claim 13,
15 wherein the hierarchical identifier includes a uniform resource locator (URL).
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18 20. (Original) The computer-readable medium as recited in Claim 13,
19 wherein the most applicable user-mode process includes a user-mode web server
20 process.
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1 21. (Original) The computer-readable medium as recited in Claim 13,
2 wherein the most applicable user-mode process includes at least one user-mode
3 worker process.

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5 22. (Previously amended) The computer-readable medium as recited in
6 Claim 13, having further computer-executable instructions for performing steps
7 comprising:

8 receiving the client device generated request using a kernel-mode
9 communication protocol process; and

10 providing the client device generated request to the kernel-mode process.

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13 23. (Original) The computer-readable medium as recited in Claim 22,
14 wherein the kernel-mode communication protocol process includes a kernel-mode
15 TCP/IP process.

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18 24. (Previously amended) The computer-readable medium as recited in
19 Claim 13, having further computer-executable instructions for performing steps
20 comprising:

21 causing the identified most applicable user-mode process to handle the
22 client device generated request.
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Claims 25 - 33. (Canceled)

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